

# Eastern Arizona Amateur Radio Society

EST. 1974

[www.eaars.com](http://www.eaars.com)

INC.



[facebook.com/groups/eaars](https://facebook.com/groups/eaars)

Club Address: EAARS, PO Box 398, Solomon, AZ 85551



*January, 2021*

## JOIN EAARS on Facebook

EAARS has a presence on Facebook and you are invited to **JOIN** the page. This is a great media to quickly share news, photos and events that are EAARS related or might be interesting to the members. If you utilize "Notifications" on the EAARS Facebook page, you can receive club updates AS THEY HAPPEN.

To reach the page, please visit **facebook.**

**com/groups/eaars** and **JOIN** the page. You must have a Facebook account to be part of the EAARS group.



## EAARS Open Repeaters

**PL 141.3** unless noted otherwise

**Echolink:** 614350 **IRLP:** 7787

**Heliograph Peak at Safford, AZ:**

146.860, 440.700 Linked

146.900, 447.8250 Not Linked

**Jacks Peak at Silver City, NM:**

145.210 Linked

**West Peak at Ft Thomas, AZ:**

145.350 Access to link to network

**Pinal Peak at Globe, AZ:**

145.410 Linked

**South Mt at Alpine, AZ:**

145.270 Linked

**Caballo Mt at TorC, NM:**

145.470 Linked

**Greens Peak at Show Low, AZ**

146.700 Linked

**Little Florida at Deming, NM:**

147.060 Linked

**Mule Mt at Bisbee, AZ:**

147.080 Linked

**Mt Lemmon at Tucson, AZ**

147.160 Linked

**Guthrie Peak at Clifton, AZ:**

147.280 Linked

# Gals on the Air!

**EST. June 2015**

Calling all Gals of any class ... Join us every Monday night for the  
**Gals Night Net @ 7:30 pm (AZ) on the EAARS system!**

**Facebook.com/groups/galsnightnet**

## Upcoming Events

*Would You like to see your event posted for the membership to see?  
Email your information to [emberfire@cox.net](mailto:emberfire@cox.net).*

### **2021**

Jan 17-23 ..... Quartz-Pause - Kristyn Weed KR1SS  
Feb 13-14 ..... 24 HOP  
Mar 13-14 ..... QSO Today Virtual Ham Expo  
Mar 27 ..... RST Spring Hamfest  
Apr 10 ..... El Tour de Tucson

Did you know that you can see the Public Service Opportunities on [soazhamservice.net](http://soazhamservice.net)? The events are posted by dates and who leads them. If you are interested in participating or have any questions, please feel free to contact them.

### **WEEKLY EAARS' NETS**

#### **Every day:**

*Down Under Net - 4:15 am*

*Weather Net - 5:30 am*

#### **Sunday:**

*EAARS Net - 7:00 pm*

#### **Monday:**

*Gals Night Net - 7:30 pm*

#### **Wednesday:**

*Skywarn Net - During Monsoon, Every Wednesday at 7:30 pm,  
Off Season, every third Wednesday of month at 7:30 pm*

#### **Saturday:**

*ERC (Emergency Response Communications) Net - 7:45 am ,  
2nd Saturday of the month (20-25 min duration)*

*All times are noted on Arizona  
time, as we do not change.*



# EAARS Officers and Staff

## Board Officers

President	Dave Wells	N7AM
Vice President	Dan Quaintance	AF7EF
Secretary/Treasurer	Larry Griggs	N5BG

## Staff

Site Trustee	Joe Montierth	K7JEM
Net Manager	Chris Buchanan	N7JND
Newsletter Editor	Angie Buchanan	N7EMB

## Net Control Operators

Rick W8YBM	1st Sunday
Angie N7EMB	2nd-4th Sunday
Chris N7JND	3rd-5th Sunday

## ARRL RADIO CONTESTS

January 2020

- 1 Straight Key Night
- 4 Kids Day
- 4-5 RTTY Roundup
- 18-20 January VHF

For details on all ARRL contests and for non-ARRL contests, visit <http://www.arrl.org/contest-calendar>

## New EAARS Members!

Terry	N7RUE
Anthony	KJ7PMV
Mike	KD7IP
Lonnie	KJ7OWW
Teresa	KG7WYJ
Lon	KJ7JPL
Russ	K7RJW
Greg	KJ78YD
Dave	N7LO



# Santa, I and Christmas 2020

We start preparing for the Christmas as soon as the current Christmas ends. It is an on-going cycle. Well, we definitely couldn't prepare for 2020. We weren't given the chance. A pandemic? A contagious virus? Job losses. Lives lost. How do we do Christmas? How do we not? It's not all about presents. We have a special birth to prepare for! Our own special present! It can't just go away.



What about the kiddos? Kiddos shouldn't have to worry about grown up matters. They have lost as much as we have, if not, more. They know we have worries. We have to make it special for them. We have to show them, we still have a lot to be thankful for! WE have to show them that no matter what, there is Christmas Spirit! WE have to make the Christmas Spirit happen! It is all in our hearts!

I hope we were able to do that for the kiddos and their parents this year. I hope we showed them Christmas Spirit! We didn't know how Santa would be presented this year, with a pandemic. I saw one behind a Plexiglas and a phone. I saw one in a snow globe and a microphone. It was just not the same visiting with Santa.

Santa and I have been hosting Santa on the Air nets for a few years, now. We took away the visual factor of it and asked Santa to get on the air. Everyone knows Santa's voice! And what better way to social distance from everyone? Ohhh!!! In case you were not aware, SANTA IS A HAM! He is our own Santa! Winter Wonderland 6 Frosty. Thank you for being our Santa!

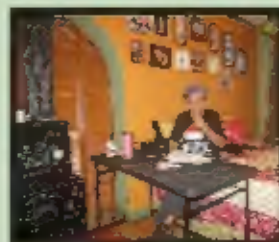
When I first thought of this net, I wondered how we would present it. How would I get Santa on the air? Could we make this realistic for the kiddos? Other clubs were hosting something similar, I knew EAARS could do it, too!

This year was the most successful! We had 10 families sign up to talk to Santa! I had the two boys I care for, over, so they could talk to Santa. Seeing those eyes light up when Santa mentions them or something about them, is so heart-warming for me! I need kiddos around me during this time!

A great big Thank you to the parents who took time out of their busy schedules to get their kiddos on the air! I hope that your kiddos enjoyed this time as much as Santa and I did! Please keep an eye out November 2021, when we start announcing Santa on the Air nets for 2021 Christmas! Hope your Christmas was safe. **Wising you a Safe and Blessed New Year!**

Until next year....

Angie N7EMB





# FCC Reduces Proposed Amateur Radio Application Fee to \$35

ARRL - 12/30/2020

The FCC has agreed with ARRL and other commenters that its proposed \$50 fee for certain amateur radio applications was “too high to account for the minimal staff involvement in these applications.” In a Report and Order (R&O), released on December 29, the FCC scaled back to \$35 the fee for a new license application, a special temporary authority (STA) request, a rule waiver request, a license renewal application, and a vanity call sign application. All fees are per application. There will be no fee for administrative updates, such as a change of mailing or email address.

This fall, ARRL filed comments in firm opposition to the FCC proposal to impose a \$50 fee on amateur radio license and application fees and urged its members to follow suit.

As the FCC noted in its R&O, although some commenters supported the proposed \$50 fee as reasonable and fair, “ARRL and many individual commenters argued that there was no cost-based justification for application fees in the Amateur Radio Service.” The fee proposal was contained in a Notice of Proposed Rulemaking (NPRM) in MD Docket 20-270, which was adopted to implement portions of the “Repack Airwaves Yielding Better Access for Users of Modern Services Act” of 2018 — the so-called “Ray Baum’s Act.”

“After reviewing the record, including the extensive comments filed by amateur radio licensees and based on our revised analysis of the cost of processing mostly automated processes discussed in our methodology section, we adopt a \$35 application fee, a lower application fee than the Commission proposed in the NPRM for personal licenses, in recognition of the fact that the application process is mostly automated,” the FCC said in the R&O. “We adopt the proposal from the NPRM to assess no additional application fee for minor modifications or administrative updates, which also are highly automated.”

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# **FCC Reduces Proposed Amateur Radio Application Fee to \$35**

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The FCC said it received more than 197,000 personal license applications in 2019, which includes not only ham radio license applications but commercial radio operator licenses and General Mobile Radio Service (GMRS) licenses.

The FCC turned away the arguments of some commenters that the FCC should exempt amateur radio licensees. The FCC stated that it has no authority to create an exemption “where none presently exists.”

The FCC also disagreed with those who argued that amateur radio licensees should be exempt from fees because of their public service contribution during emergencies and disasters.

“[W]e are very much aware of these laudable and important services amateur radio licensees provide to the American public,” the FCC said, but noted that specific exemptions provided under Section 8 of the so-called “Ray Baum’s Act” requiring the FCC to assess the fees do not apply to amateur radio personal licenses. “Emergency communications, for example, are voluntary and are not required by our rules,” the FCC noted. “As we have noted previously, [w]hile the value of the amateur service to the public as a voluntary noncommercial communications service, particularly with respect to providing emergency communications, is one of the underlying principles of the amateur service, the amateur service is not an emergency radio service.”

The Act requires that the FCC switch from a Congressionally-mandated fee structure to a cost-based system of assessment. The FCC proposed application fees for a broad range of services that use the FCC’s Universal Licensing System (ULS), including the Amateur Radio Service, which had been excluded previously. The 2018 statute excludes the Amateur Service from annual regulatory fees, but not from application fees.

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## The EAARS Courtesy Beep

Since we've gained many more EAARS members since this was last posted, I felt it was worth printing again so we all understand the purpose of the EAARS Courtesy Beep on the repeater.



We've all heard the courtesy beep after every transmission on the EAARS system. But why is it there? What's its purpose? And most of all, why should we pay attention to it?

The courtesy beep serves TWO valuable functions on the EAARS system...

First of all, you will notice there's a short timed space between the time the person un-keys their microphone until the courtesy beep sounds. It's this timed space that provides a moment of silence to allow any emergency traffic to break in. If someone urgently needs the frequency, it's that space where they will most likely call. Although it's more commonly used for "COMMENT", "BREAK", ETC... We've all accepted that there are going to be those that must break in with constant COMMENTS. But, the space should ALWAYS be reserved for EMERGENCY break-in's. Our number one purpose for Ham Radio, is to handle emergency traffic. We should always be on the alert for such a call. Please reserve this space for such a call.

Secondly, there are so many times people key up immediately after someone un-keys their microphone. THIS IS BAD BAD BAD RADIO PRACTICE. First of all, you are not allowing time for Emergency Traffic to break in. You are also preventing the repeaters the chance to reset their TOT's (Time Out Timers). It's only after the courtesy beep sounds, that the time out timers are reset. If you and the party you are talking with continue to "Quick Key" and continue to ignore the courtesy beep, you WILL time the system out after approx. three minutes. And then someone will usually come on and have to educate you on the courtesy beep (And They Will). With this in mind, you are NOT required to wait for the repeater to drop out to take your turn. That in itself can become quite annoying. Just simply wait for the courtesy beep and continue and enjoy your conversation.

So, that's the TWO main reasons there's a courtesy beep on the EAARS system. It serves a great purpose for being there. Please respect it and ALWAYS listen for it before taking YOUR turn.

Chris - N7JND

This is another worth reading.

T'was a month before Christmas,  
And all through the town,  
People wore masks,  
That covered their frown.  
The frown had begun  
Way back in the Spring,  
When a global pandemic  
Changed everything.  
They called it corona,  
But unlike the beer,  
It didn't bring good times,  
It didn't bring cheer.  
Airplanes were grounded,  
Travel was banned.  
Borders were closed  
Across air, sea and land.  
As the world entered lockdown  
To flatten the curve,  
The economy halted,  
And folks lost their nerve.  
From March to July  
We rode the first wave,  
People stayed home,  
They tried to behave.  
When summer emerged  
The lockdown was lifted.  
But away from caution,  
Many folks drifted.

Now it's November  
And cases are spiking,  
Wave two has arrived,  
Much to our disliking.  
It's true that this year  
Has had sadness a plenty,  
We'll never forget  
The year 2020.  
And just 'round the corner -  
The holiday season,  
But why be merry?  
Is there even one reason?  
To decorate the house  
And put up the tree,  
Who will see it,  
No one but me.  
But outside my window  
The snow gently falls,  
And I think to myself,  
Let's deck the halls!  
So, I gather the ribbon,  
The garland and bows,  
As I play those old carols,  
My happiness grows.  
Christmas is not cancelled  
And neither is hope.  
If we lean on each other,  
I know we can cope.

*Courtesy of Gary W7MIN  
Thank you, Gary! We need to  
read this over and over. Hope!*





## **Rise and Shine!!! with the Made It through the Night Gang Weather Net**

0530 Mountain Standard Time Daily on the EAARS System

Weather and Conversation

Get a handle on the local weather from your fellow HAM operators around the EAARS coverage area and get to know them better.

KC7OMZ – Walt Emeritus Net Control

W7GSP – Steve Net Control

K1VM – Keith Weather Recorder



## **FCC Reduces Proposed Amateur Radio Application Fee to \$35**

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"While the Ray Baum's Act amended Section 9 and retained the regulatory fee exemption for amateur radio station licensees, Congress did not include a comparable exemption among the amendments it made to Section 8 of the Act," the FCC R&O explained.

The effective date of the fee schedule has not been established, but it will be announced at least 30 days in advance. The FCC has directed the Office of Managing Director, in consultation with relevant offices and bureaus, to draft a notice for publication in the Federal Register announcing when rule change(s) will become effective, "once the relevant databases, guides, and internal procedures have been updated."

# Other Club Stuff

RST holds FREE VE testing on the following dates, 7:00 pm at  
Biscuits Country Cafe, 7026 E Broadway, Tucson.

## **2021**

Jan 11	July 12
Feb 8	Aug 9
Mar 8	Sep 13
Apr 12	Oct 11
May 10	Nov 8
June 14	Dec 13

Our club in no way competes with EAARS, In fact, many members of the new club are EAARS members as well. The Tortolita Radio Club has no dues, no rules, no monthly meetings, NEVER any repeaters. We focus on spreading the gospel of HF radio with monthly on-air operating events. We began in 2016 with National Parks on the Air and have continued until the virus interrupted, for a total of over 50 events. We have a website: [www.tortolita-rc.com](http://www.tortolita-rc.com) We have a groups-io email reflector. We have applied to ARRL for club affiliation. We have been issued a callsign by FCC (KJ7RCX) and have applied for vanity callsign KT7RC. We accept members regardless of affiliation with other clubs but we don't actively solicit new members since no money accrues to a club with no dues. We currently have 45 active members, and I stress ACTIVE members.

73 de W8TK  
Tom Kravec

**If you live in the Graham or Greenlee County and are interested in a VE Testing session, please feel free to contact the EAARS President, Dave Wells @ 928-965-8327.**

**Do you have any club news to share?  
It can be posted on this page.  
Send your info to Angie - [emberfire@cox.net](mailto:emberfire@cox.net).**



Cooking up  
Some Magic



# Instant Pot Sweet & Spicy Brisket

## INGREDIENTS

2 tbsp. vegetable oil  
3 lb. beef brisket, cut into 4 pieces  
1 large onion, finely diced  
5 cloves garlic, thinly sliced  
1 tbsp. minced ginger  
1 c. low-sodium chicken broth  
1/4 c. gochujang  
1/4 c. honey  
5 small dried red chilis, sliced  
2 tbsp. ketchup  
1 tbsp. rice vinegar  
1 tbsp. low-sodium soy sauce



Courtesy of delish - If you're a fan of Korean flavor profiles, you'll love this recipe. The balance of sweet and spicy is perfect for any season, any day. When the meat is done cooking, reserve the broth and pour a little on top when serving—it is truly flavor central.

YIELDS: 6 SERVINGS  
PREP TIME: 0 HOURS 15 MINS  
TOTAL TIME: 2 HOURS 30 MINS

## DIRECTIONS

1. Set Instant Pot to Sauté and heat oil. Cook beef until golden, working in batches, about 3 minutes per side. Remove to a plate.
2. Add onion, garlic, and ginger, and cook, stirring occasionally, until softened, about 5 minutes.
3. Turn off pot, then pour in broth and scrape the bottom to deglaze. Stir in gochujang, honey, chilis, ketchup, vinegar, and soy sauce. Return brisket to pot.
4. Lock lid and set to Pressure Cook on high for 1 hour and 30 minutes. Follow manufacturer's guide for quick release, making sure to wait until cycle is complete before unlocking and removing lid.
5. Remove brisket to a cutting board and let rest about 10 minutes before slicing to seal in juices.
6. Meanwhile, strain broth sauce through a fine-mesh sieve and skim off the fat. Serve brisket with sauce drizzled over the top.

kiss the  
cook